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AMD RYZEN: AM4/TR4	Memory Dimms	PCI-E Expansion	SATA(Gb/s) Storage Ports	Multi- GPU	USB 3.1 Gen2 (10Gbps)	USB 3.0 Gen1	USB 2.0	Audio	LAN	Display Outputs	Additional Remarks / Features :	Price
<b>TheadRipper</b>												
<b>X399 Gaming Pro Carbon AC</b>	8x DDR4 (Mx4) 128GB @2400MHz (For OC, 3600+ to be upgrade)	16x (Config: 16x1, 16x8, 8x8, 8x8, 8x8)	4x (X399 raid 0/1/0), M.2 2x (Support TB3)	4way CF, 4way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3, TypeC4	U0-8, 08-4 (ASM2142) M.2 (X399 slot)	U0-2, Onboard 4	ALC1220 7.1 / 7.5PWF out	Intel I21AT 6B LAN	N.A.	RGB fully customizable w/Mystic Light extension, AudioBoost by Nahimic2 w/Dual audio processors, Gaming LAN, Full fan header control, VR Acceleration chip, M.2 X-boost, Gaming Hotkey/Engine2, Steel Armor, Debug LED, Blue Flashback Button. (Additional bundle TB3)	\$ 599
<b>AM4 Ryzen</b>												
<b>X370 Xpover Gaming Titanium</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata, Slot2, PCIe 2.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Ryzen CPU), Onboard 4	U0-3, Onboard 4	ALC1220 7.1 / 7.5PWF out	Intel I21AT 6B LAN	*HDMI x 1 DVI-D x 1	Mystic Light extension, AudioBoost by Nahimic2 w/Dual audio processors, Gaming LAN, Full fan header control w/LED indicator, VR Acceleration chip, M.2 X-boost, Gaming Hotkey/OC Engine2, Steel Armor, Debug LED, Blue Flashback+ MCA, W/TFat & Xsplit Subscription	\$ 479
<b>X370 Gaming M7 ACK</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata, Slot2, PCIe 2.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Paper CPU), Onboard 4	U0-3, Onboard 4	ALC1220 7.1 / 7.5PWF out	Intel I21AT 6B LAN	N.A.	RGB backlit and function LEDs w/Mystic Light extension, Intel Optane/PCIe Pro w/OC 5133 w/E, AudioBoost by Nahimic2 w/Dual audio processors, M7 Gaming LAN Manager, Full Fan Header control w/LED indicator, VR Acceleration chip, M.2 X-boost, Gaming Hotkey/OC Engine2, Steel Armor, Debug LED, Blue Flashback+ MilitaryClass components.	\$ 399
<b>X370 Gaming Pro Carbon</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata, Slot2, PCIe 2.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Ryzen CPU), Onboard 4	U0-3, Onboard 4	ALC1220 7.1 / 7.5PWF out	Intel I21AT 6B LAN	*HDMI x 1 DVI-D x 1	RGB fully customizable w/Mystic Light extension, AudioBoost by Nahimic2 w/Dual audio processors, Gaming LAN Manager, Full fan header control, VR Acceleration chip, M.2 X-boost, Gaming Hotkey, Steel Armor, Debug LED, MilitaryClass, W/TFat & Xsplit Subscription	\$ 299
<b>X370 Krait Gaming</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Ryzen CPU), Onboard 4	U0-3, Onboard 4	ALC892 7.1ch	ALC892 7.1ch	*HDMI x 1 DVI-D x 1	White backlit LED w/Mystic Light extension, AudioBoost by Nahimic2 w/Dual audio processors, Gaming LAN, Full fan header control, VR Acceleration chip, M.2 X-boost, Gaming Hotkey, Steel Armor, XMP/Debug LED, SuperCharger, W/TFat & Xsplit Subscription	\$ 269
<b>X370 SLI PLUS</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Paper CPU), Onboard 4	U0-3, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1	Support Mystic Light extension, Audio Boost, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, Steel Armor, Debug LED	\$ 259
<b>X370 Gaming Plus (Best X370 C/P model on market)</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (X370 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	3way CF, 2way SLI	U0-2 (ASM2142) TypeC1, TypeC2, TypeC3	U0-4 (By: Paper CPU), Onboard 4	U0-3, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1	Support Mystic Light extension, AudioBoost w/Dual processor, Gaming LAN, Full fan header control, VR Acceleration chip, M.2 X-boost, Gaming Hotkey, Steel Armor, EZ Debug LED, SuperCharger, W/TFat & Xsplit Subscription	\$ 229
<b>B350 Tomahawk Arctic</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (B350 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	2way CF	N.A.	U0-4 (TypeC1, TypeC2, TypeC3), Onboard 4	U0-2, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1, VGA x 1	White backlit LED w/Mystic Light extension, Audio Boost by Nahimic2, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, Steel Armor, Debug LED, MilitaryClass, W/TFat & Xsplit Subscription	\$ 189
<b>B350 Tomahawk</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (B350 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	2way CF	N.A.	U0-4 (TypeC1, TypeC2, TypeC3), Onboard 4	U0-2, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1, VGA x 1	Red backlit LED w/Mystic Light extension, Audio Boost by Nahimic2, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, Steel Armor, Debug LED, MilitaryClass, W/TFat & Xsplit Subscription	\$ 175
<b>B350M Mortar Arctic</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (B350 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	2way CF	N.A.	U0-4 (TypeC1, TypeC2, TypeC3), Onboard 4	U0-2, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1, VGA x 1	White backlit LED w/Mystic Light extension, Audio Boost, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, EZ Debug LED, W/TFat & Xsplit Subscription	\$ 165
<b>B350M Mortar</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (B350 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	2way CF	N.A.	U0-4 (TypeC1, TypeC2, TypeC3), Onboard 4	U0-2, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1, VGA x 1	Red backlit LED w/Mystic Light extension, Audio Boost, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, EZ Debug LED, W/TFat & Xsplit Subscription	\$ 159
<b>B350M Bazooka</b>	8x DDR4 (Mx4) 64GB @2400MHz (For OC, read details below)	16x3 (OC), 16x2 (OC), 16x1 (For OC, read details below)	4x (B350 w/Raid 0/1/0), M.2 2x1 (PCIe 3.0 w/Sata)	N.A.	N.A.	U0-4 (TypeC1, TypeC2, TypeC3), Onboard 4	U0-2, Onboard 4	ALC892 7.1ch	RTL811H 6B LAN	*HDMI x 1 DVI-D x 1, VGA x 1	White backlit LED w/Mystic Light extension, Audio Boost, Gaming LAN Manager, Full fan header control, M.2 X-boost, Gaming Hotkey, EZ Debug LED, W/TFat & Xsplit Subscription	\$ 139

If you are new to AM4, please read the following :

\*On-Board IGP only supported when using 7th Gen A-series/ Athlon™ processor

\*\*B350 2nd PCI\_E4 slot will become PCIe 2.0 x2 mode, when installing device in any PCIe x1 slot.

\*\*\*X370 PCI\_E6 slot will be PCIe 2.0 x1 when installing device in any PCIe x1 slot.

\*\*Con't: No Nvme Raid support due to chipset limitation for all AM4

\*\*\*M.2 will support PCIe 3.0 x4 (RYZEN Series Processors) or PCIe 3.0 x2 (7th Gen A-series/ Athlon™ processors ) and SATA 6Gb/s

Please refer to manual if in doubt.

OC of memory: **MUST READ!**

ALL AM4 boards only come with 2 OC dimms.(slot 2/4 or A2/B2 - all brands)

The master OC slots can handle up to 3200MHz. (Ryzen7-2933/3200MHz has better memory OC than Ryzen5-2667/2933MHz)

A-XMP ≠ Intel XMP. For A-XMP, you have to use AM4 compatible/ready kits. Memory OC only applicable to the 2 dimm slots.

For non A-XMP rams, please manual set and test the frequency in the bios & OS.

Take note for 4 Dimms, official support by AMD is only 2133MHz but most cases 2400MHz generally works too.

Please refer to the manual for M.2 slots with examples of various combination possibilities.

The Turbo U.2 Host Card is not included, please purchase separately.

Important: USB 3.1 Gen1 is essentially USB 3.0 & Usb 3.1 Gen2 is original USB 3.1 10Gbps (Naming changes are now official standards on usb.org.)

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